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Joining Up 'Discovery to Delivery' Services

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Mimas

Outline

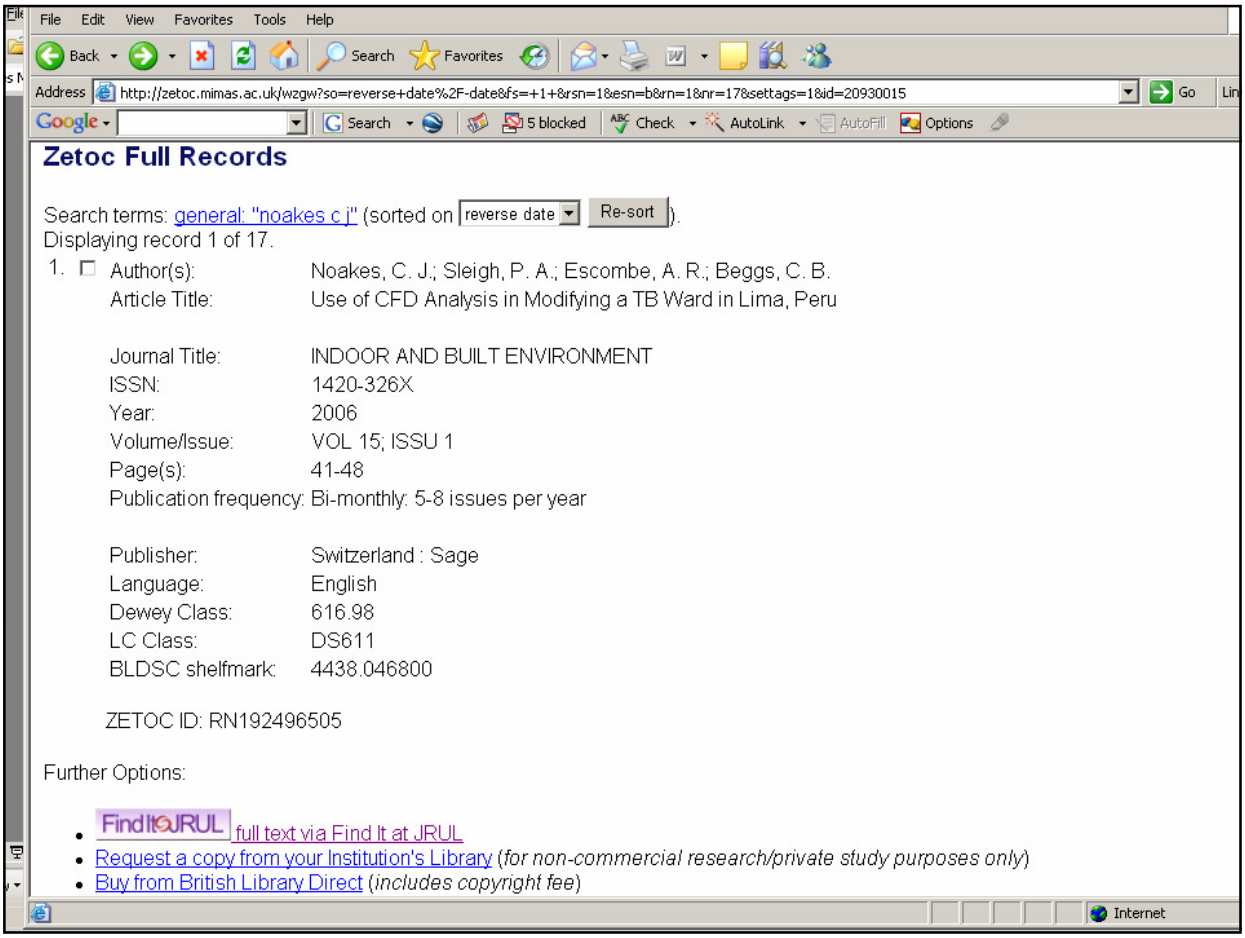
- Overview of finding articles using Zetoc
- Inclusion of Open Access articles
  - Initially biomedicine
- OAI-PMH harvest / data mapping
- Benefits to Zetoc users
- Support for scholarly research

Zetoc

- Current awareness bibliographic citation service
- Articles & papers – every subject
- Based on The British Library's Electronic Table of Contents data
- Free to UK HE/FE; others by subscription
- Funded by JISC and British Library

Using Zetoc

- Search via Web interface
- Email Alert
  - Table of Contents of new issues
  - Saved search: title keywords or author
  - RSS for journal issues
- Z39.50 for m2m information retrieval
  - Metasearch
  - Personal Bibliographic Databases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Address http://zetoc.mimas.ac.uk/wzgw?so=reverse+date%2F-date&fs=+1+&rsn=1&esn=b&rn=1&nr=17&settags=1&id=20930015
Go
Google Search 5 blocked Check AutoLink AutoFill Options
Zetoc Full Records
Search terms: general: "noakes c j" (sorted on reverse date Re-sort).
Displaying record 1 of 17.
1. Author(s): Noakes, C. J.; Sleigh, P. A.; Escombe, A. R.; Beggs, C. B.
Article Title: Use of CFD Analysis in Modifying a TB Ward in Lima, Peru
Journal Title: INDOOR AND BUILT ENVIRONMENT
ISSN: 1420-326X
Year: 2006
Volume/Issue: VOL 15; ISSU 1
Page(s): 41-48
Publication frequency: Bi-monthly: 5-8 issues per year
Publisher: Switzerland : Sage
Language: English
Dewey Class: 616.98
LC Class: DS611
BLDSC shelfmark: 4438.046800
ZETOC ID: RN192496505
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Open Access Articles

- Extend Zetoc to include OA articles
- UK PubMed Central (UKPMC)
  - Free digital archive of biomedical and life sciences journal articles
  - Provided by British Library and Mimas
  - Timely details of articles by OAI-PMH
- Start with BioMed Central Journals
  - Articles added to UKPMC as published

Data Mapping

- UKPMC article header (NLM DTD)
- Most fields correspond with Zetoc
- New in Zetoc:
  - PubMed Identifier
  - DOI
  - eISSN
  - Copyright (agreed with publisher)

Subject Classification

- Zetoc has Dewey for journals
  - On each article record
- No subject classification in UKPMC
- British Library supplied Dewey terms for BioMed Central journals
  - Add during data import by look-up table
- Process for introduction of new journals

Implementation

- Zetoc harvests from UKPMC:
  - Metadata format: pmc_fm
  - Set: pmc-open
  - When do data load from BL
- Select BioMed Central journals only
  - Transform to Zetoc dataload format by a mapping template
  - 1300 articles per month
- Back data also loaded (30,000)


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Zetoc - Full Record Display
New Search
History
Email Records
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Brief Records
Zetoc Full Records
Search terms: general: PM018489756 (unsorted).
Displaying record 1 of 1.
1. Author(s): Vias, M.; Massie, C. E.; East, P.; Scott, H.; Warren, A.; Zhou, Z.; Nikitin, A. Y.; Neal, D. E.
Article Title: Pro-neural transcription factors as cancer markers
Journal Title: BMC Medical Genomics
ISSN: 1755-8794
eISSN: 1755-8794
Year: 2008
Volume/Issue: VOL 1
Page(s): 17
Publisher: Great Britain : BioMed Central
Date published: 20080519
Dewey Class: 611.018166
PubMed ID: 18489756
DOI: 10.1186/1755-8794-1-17
BLDSC shelfmark: PM17.558794
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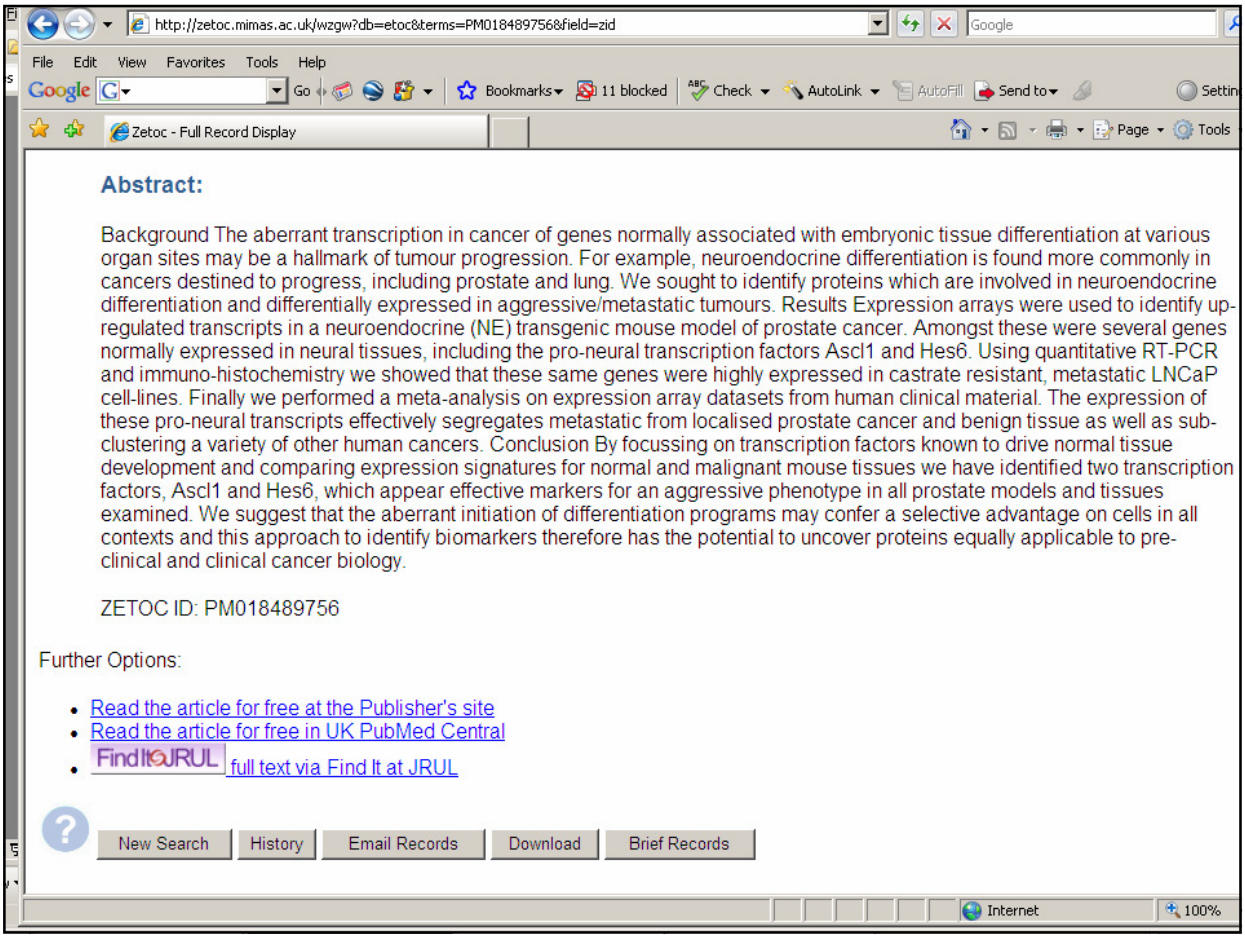
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Abstract:
Background The aberrant transcription in cancer of genes normally associated with embryonic tissue differentiation at various organ sites may be a hallmark of tumour progression. For example, neuroendocrine differentiation is found more commonly in cancers destined to progress, including prostate and lung. We sought to identify proteins which are involved in neuroendocrine differentiation and differentially expressed in aggressive/metastatic tumours. Results Expression arrays were used to identify up-regulated transcripts in a neuroendocrine (NE) transgenic mouse model of prostate cancer. Amongst these were several genes normally expressed in neural tissues, including the pro-neural transcription factors Ascl1 and Hes6. Using quantitative RT-PCR and immuno-histochemistry we showed that these same genes were highly expressed in castrate resistant, metastatic LNCaP cell-lines. Finally we performed a meta-analysis on expression array datasets from human clinical material. The expression of these pro-neural transcripts effectively segregates metastatic from localised prostate cancer and benign tissue as well as sub-clustering a variety of other human cancers. Conclusion By focussing on transcription factors known to drive normal tissue development and comparing expression signatures for normal and malignant mouse tissues we have identified two transcription factors, Ascl1 and Hes6, which appear effective markers for an aggressive phenotype in all prostate models and tissues examined. We suggest that the aberrant initiation of differentiation programs may confer a selective advantage on cells in all contexts and this approach to identify biomarkers therefore has the potential to uncover proteins equally applicable to pre-clinical and clinical cancer biology.
ZETOC ID: PM018489756
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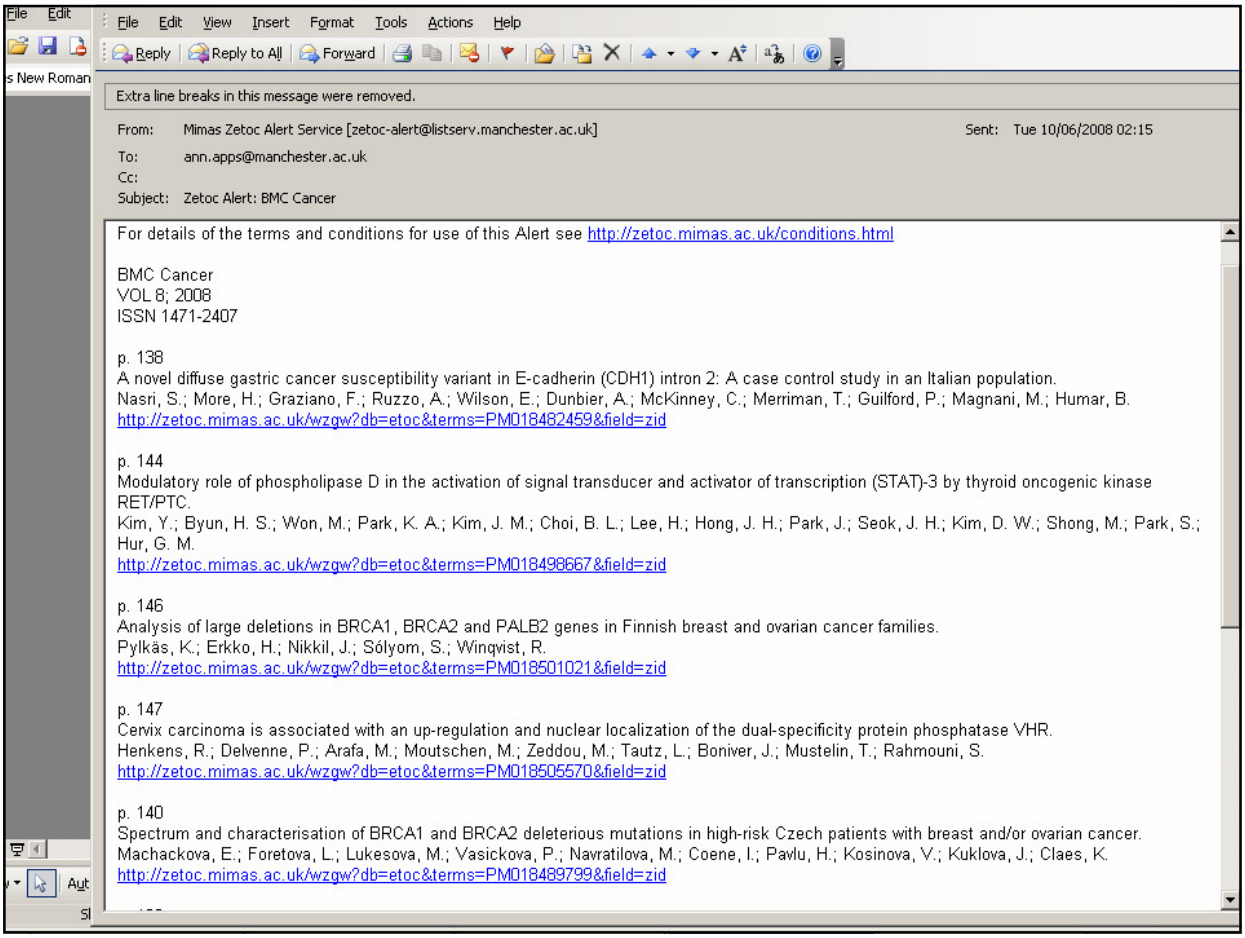

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To: ann.apps@manchester.ac.uk

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Subject: Zetoc Alert: BMC Cancer

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BMC Cancer
VOL 8; 2008
ISSN 1471-2407

p. 138
A novel diffuse gastric cancer susceptibility variant in E-cadherin (CDH1) intron 2: A case control study in an Italian population.
Nasri, S.; More, H.; Graziano, F.; Ruzzo, A.; Wilson, E.; Dunbier, A.; McKinney, C.; Merriman, T.; Guilford, P.; Magnani, M.; Humar, B.
http://zetoc.mimas.ac.uk/wzgw?db=etoc&terms=PM018482459&field=zid

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Modulatory role of phospholipase D in the activation of signal transducer and activator of transcription (STAT)-3 by thyroid oncogenic kinase RET/PTC.
Kim, Y.; Byun, H. S.; Won, M.; Park, K. A.; Kim, J. M.; Choi, B. L.; Lee, H.; Hong, J. H.; Park, J.; Seok, J. H.; Kim, D. W.; Shong, M.; Park, S.; Hur, G. M.
http://zetoc.mimas.ac.uk/wzgw?db=etoc&terms=PM018498667&field=zid

p. 146
Analysis of large deletions in BRCA1, BRCA2 and PALB2 genes in Finnish breast and ovarian cancer families.
Pylkäs, K.; Erkko, H.; Nikkil, J.; Sólyom, S.; Winqvist, R.
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p. 147
Cervix carcinoma is associated with an up-regulation and nuclear localization of the dual-specificity protein phosphatase VHR.
Henkens, R.; Delvenne, P.; Arafa, M.; Moutschen, M.; Zeddou, M.; Tautz, L.; Boniver, J.; Mustelin, T.; Rahmouni, S.
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Spectrum and characterisation of BRCA1 and BRCA2 deleterious mutations in high-risk Czech patients with breast and/or ovarian cancer.
Machackova, E.; Foretova, L.; Lukesova, M.; Vasickova, P.; Navratilova, M.; Coene, I.; Pavlu, H.; Kosinova, V.; Kuklova, J.; Claes, K.
http://zetoc.mimas.ac.uk/wzgw?db=etoc&terms=PM018489799&field=zid

Benefits

- Zetoc now includes Open Access articles
- Particular benefit to users without OpenURL resolvers
- Addition of abstracts
- Indication of data required to share bibliographic records of OA literature
- Extension to other disciplines
  - PhysMath Central

BioMedical Research Services

- Research Information Centre (RIC)
- Biomedicine Researchers' desktop
  - Support complete research lifecycle
  - Developed by British Library and Microsoft
- Zetoc is one of the resources (via SOAP)
- BioMed Central literature in Zetoc enhances RIC

Scholarly Research Process

- Research paradigm:
  - Discover
  - Locate
  - Request
  - Delivery
  - Alert
- Accelerate ‘discovery to delivery’
  - Zetoc more useful to biomedical researchers

Thank You!

Questions?

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